

SHEET 1 OF 3

FORM PTO-1449 (SUBSTITUTE) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (37 CFR 1.98(b))	Attorney Docket No.: GR 96 P 1650 P	Serial No. 09/221,789
	Applicant Ulrike Reeh et al.	
	Filing Date December 28, 1998	Group Art Unit 2815

U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	5,998,925	12/07/99	Shimizu et al.			
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FOREIGN PATENT DOCUMENT

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U.S. PATENT DOCUMENTS

EXAMINER INITIALS		PATENT NO.	DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE
	A	3,691,482	09/12/72	Pinnow et al.			
	B	3,699,478	10/17/72	Pinnow et al.			
	C	3,819,974	06/25/74	Stevenson et al.			
	D	5,019,746	05/28/91	Merg			
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J	97 933 047.9		Europe			X
	K	198585/1996	07/29/96	Japan			X
	L	244339/1996	09/17/96	Japan			X
	M	245381/1996	09/18/96	Japan			X
	N	359004/1996	12/27/96	Japan			X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	German Utility Model G 90 13 615.2, dated January 24, 1991, electroluminescent or laser diode
	P	Japanese Patent Abstract No. 5-152609 (Tadatsu), dated June 18, 1993

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	J	081010/1997	03/31/97	Japan			X
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	O	Japanese Patent Abstract 07176794 A (Yoshinori), dated July 14, 1995
	P	Japanese Patent Abstract 08007614 (Yoshinori), dated January 12, 1996
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	O	Thomas Jüstel et al.: "Neue Entwicklungen auf dm Gebiet lumineszierender Materialien für Beleuchtungs- und Displayanwendungen" [new developments in the field of luminescent materials for lighting and display applications], Angew. Chem. 1998, 110 pp. 3250-3271
	P	D.J. Robbins: "The Effects of Crystal Field and Temperature on the Photoluminescence Excitation of Ce ³⁺ in YAG", J. Electrochem. Soc.: Solid State Science and Technology, September 1979, Vol. 126, No. 9, pp.1550-1555

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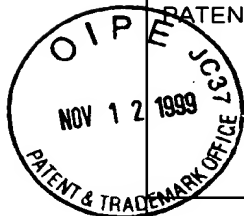
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	O	Glen A. Slack et al.: "Optical Absorption of $\text{Y}_3\text{Al}_5\text{O}_{12}$ from 10- to 55000-cm ⁻¹ Wave Numbers", Physical review, Vol. 177, No. 3, 15 January 1969, pp. 1308-1314
	P	Shuji Nakamura et al.: "The blue laser diode: GaN based light emitters and lasers", Springer Verlag, Berlin, 1997, pp. 216-219, 328

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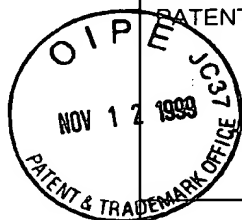
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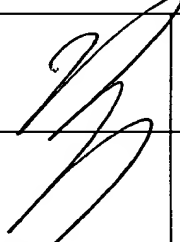
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	O	G. Blasse et al.: "A New Phosphor For Flying-Spot Cathode-Ray Tubes For Color Television: Yellow-Emitting $Y_3Al_5O_{12}-Ce^{3+}$ ", Applied Physics Letter, Vol. 11, No. 2, 15 Jhuly 1967, pp. 53,54
	P	White LED Lamp by Nichia, copy of a Japanese Newspaper, dated September 1996

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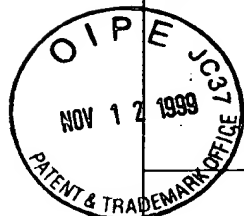
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	O	Mary V. Hoffman: "Improved color rendition in high pressure mercury vapor lamps", Journal of IES, January 1977, pp. 89-91
	P	B. M. J. Smets: "Phosphors Based On Rare-Earths, A New Era In Fluorescent Lighting", Materials Chemistry and Physics, 16 (1987), pp. 283-299

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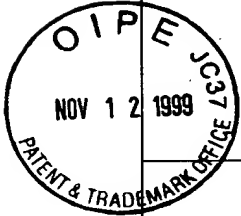
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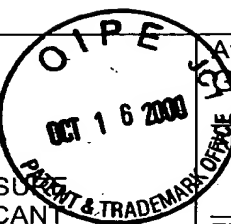
	O	Frank Möllmer et al.: "Siemens SMT-TOPLED für die Oberflächenmontage", [Siemens SMT-TOPLEDS for surface mounting], Siemens Components 29, 1991, No. 4, pp. 147-149
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		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB CLASS	TRANSL. YES NO
	J	2 347 289	04/18/74	Germany			X
	K	33 15 675 A1	11/03/83	Germany			X
	L	38 04 293 A1	08/24/89	Germany			X
	M	0 486 052 A1	05/20/92	Europe			X
	N						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	O	Siemens Forsch.- u. Entwickl.-Ber. Bd 6 (1977) No. 3, p. 162 [Siemens research and development reports, vol. 6];
	P	S. N. Mohammad et al.: "Emerging Gallium Nitride Based Devices", Proceedings of the IEEE, Vol. 83, No. 10, October 1995, pp. 1306-1355;

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